



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590



REPLY TO THE ATTENTION OF SR-6J

1000 1 2017

Mr. Leo M. Brausch  
Brausch Environmental, LLC  
5318 Alexa Road  
Charlotte, North Carolina 28277-0518

Re: EPA Comments on Quality Assurance Project Plan Addendum  
Operable Unit 2 of the Lake Calumet Cluster Site, Chicago, Illinois

Dear Mr. Brausch:

The United States Environmental Protection Agency (EPA) has reviewed the *Quality Assurance Project Plan (QAPP) Addendum*, transmitted via e-mail on December 1, 2016, for light non-aqueous phase liquid sampling being conducted as part of the Operable Unit 2 Remedial Investigation at the Lake Calumet Cluster site (Site) in Chicago, Illinois. EPA has the following comments which must be addressed before the QAPP can be approved:

1. EPA requires that Standard Operating Procedures (SOPs) be updated every other year. Please update the following SOP: ARCADIS SOP "Standard Groundwater Sampling for Monitoring Wells" which was last updated on July 16, 2008; and
2. Worksheets #12-1 through #12-4 Measurement Performance Criteria for Volatile Organic Compounds, Semi-Volatile Organic Compounds, Polychlorinated Biphenyls in water and oil. Column "Measurement Performance Criteria" should provide more specific information for all the analytical groups, like precision and completeness, not just a reference to the SOP.

If you have any questions regarding this letter, please contact me at 312-886-6151 or via e-mail at [kolak.shari@epa.gov](mailto:kolak.shari@epa.gov).

Sincerely,

Shari Kolak  
Remedial Project Manager  
Region 5 Superfund Division